



PROGRAM
EXECUTIVE
OFFICE
SOLDIER

M110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS)

Project Manager Soldier Weapons
Product Manager Individual Weapons

<http://www.peosoldier.army.mil>

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Specifications

- **Caliber:** 7.62mm
- **Semi-automatic**
- **Weight:**
 - 15.3 pounds (combat ready without suppressor)
 - 17.3 pounds (combat ready with suppressor)
- **Length:** (buttstock fully Compressed)
 - 40.5 inches (without suppressor)
 - 46.5 inches (with suppressor)
- **Magazine:** 10 or 20 rounds
- **Effective range:** 800 meter point targets
- **Muzzle velocity:** 2,571 feet per second
- **Optics:** Variable-power day optic sight (3.5 – 10x40mm)
- **Operation:** Direct gas impingement system; locking bolt

Program Status

Currently in use by forces deployed in combat operations.



The M110 Semi-Automatic Sniper System (SASS) is the U.S. Army's latest medium caliber sniper rifle that supplements the sniper's role to support combat operations with greater firepower and versatility.

It is an anti-personnel and light materiel weapon that fires 7.62mm ammunition out to a maximum effective range of 800 meters. It is also the first U.S. Army weapon system that integrates a quick attach/detach suppressor to reduce the weapon's firing signature.

The M110's Leupold Mark IV 3.5-10x scope provides both a wide field of view at low magnification for close-in engagements and a narrow field of view for precision long shots at high magnification. The SASS leverages a rapid fire/rapid reload design, variable-power day optic sight, and 10- or 20-round detachable magazines. The weapon system exceeds the rate-of-fire and lethality of the M24 Sniper Weapon System, the previous medium caliber sniper rifle.

The M110 (combat ready with suppressor) weighs 17.3 pounds and includes: a detachable folding bipod, an enhanced spotting scope (M151), and a MIL-STD 1913 rail. Accessories include hard and soft cases, cleaning/maintenance equipment, and manuals.

"The M110, I think, is an awesome weapon system. My sniper teams, when doing reconnaissance missions, they can carry the M110 by itself versus carrying a M110 and an M-4 separately. They can just use one system so that lightens their load."

– SSG Ian Foote

SNIPER NIGHT SIGHT

